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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

12-28-2020

2020-12-28_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Cumulative Michigan COVID-19 Data. 247.

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CORONAVIRUS
SYMPTOMS

CUMULATIVE
RECOVERED

OUTBREAK
REPORTING

SCHOOL-
RELATED
OUTBREAK
REPORTING

WASTEWATER
SURVEILLANCE

TESTING
TURNAROUND
TIME

Note on cases (12/28/20): Today’s daily case count represents new referrals of confirmed cases to the MDSS since Saturday, December 26th. Over the two days, Sunday and Monday, the average number of new confirmed cases is ~1,619 per day.

Current COVID-19 Statewide Data and Modeling Updates

Information on testing, disease trends, outbreaks, hospitalizations, deaths and the virus trajectory.

- December 22, 2020 slide deck. View a live presentation of the Dec. 22 data.
- December 15, 2020 slide deck.
- December 8, 2020 slide deck. View a live presentation of the Dec. 8 data.
- December 1, 2020 slide deck.
- November 24, 2020 slide deck.
- November 18, 2020 slide deck. View a live presentation of the Nov. 18 data.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

Q



Have questions?
Chat with Robin

CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
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View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

15-375

376-1649

1650-9271

9272-60146

60147+

Michigan

Monday, December 28, 2020

Michigan (Statewide) Case Fatality Rate

2.5%

Current Totals

Case Status	Cases	Deaths
Confirmed	480,508	12,089
Probable	39,368	665
Total	519,876	12,754

Laboratory Testing

Test Type	Tests Performed
Diagnostic	8,132,689
Serology	423,406
Total	8,556,095

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.60%	2.77%
Non-Hispanic Latino	68.37%	83.72%
Unknown	26.03%	13.51%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2.86%	1.75%
Non-Arab	48.58%	53.32%
Unknown	48.57%	44.93%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 12/28/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 12/23/2020): 318,389

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on December 23, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to November 23, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

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2/2

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

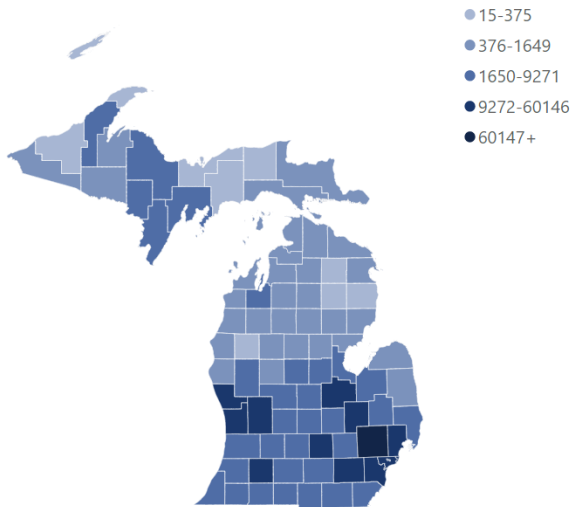
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County



Michigan

Monday, December 28, 2020

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[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



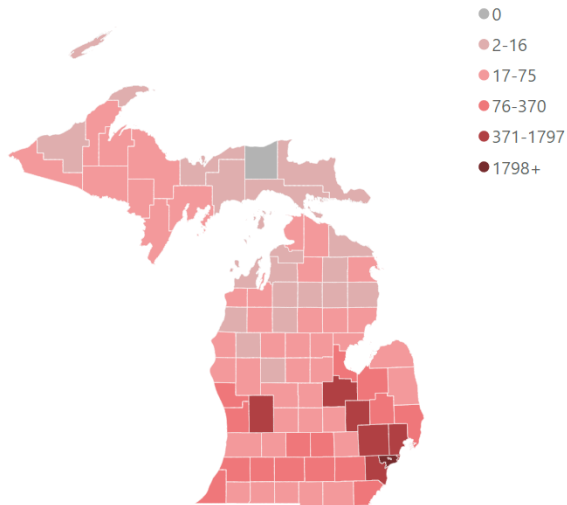
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Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

Deaths by County



Michigan

Monday, December 28, 2020

Michigan (Statewide) Case Fatality Rate

2.5%

Current Totals

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Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

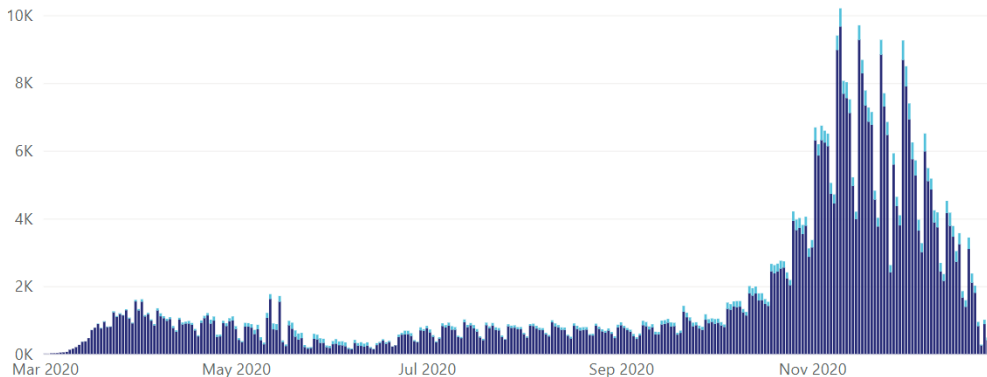
The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

Filter by Date:

3/1/2020

12/28/2020

Cases by Date of Onset

Case Status ● Confirmed ● Probable

Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

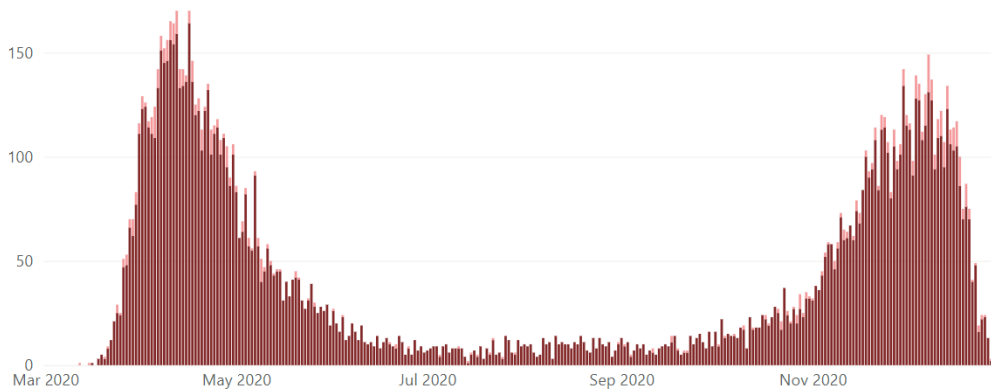
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

Filter by Date:

3/1/2020

12/28/2020

Deaths by Date of Death

Case Status ● Confirmed ● Probable

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

12/28/2020

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.5M

0.4M

0.3M

0.2M

0.1M

0.0M

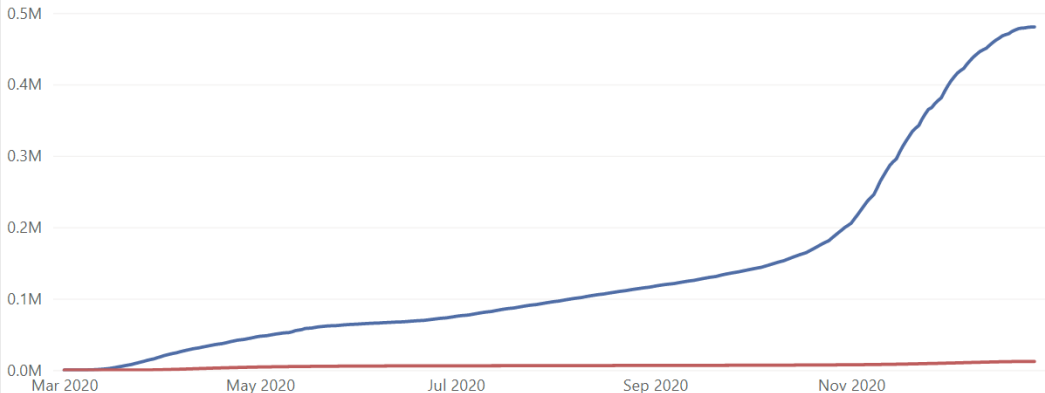
Mar 2020

May 2020

Jul 2020

Sep 2020

Nov 2020



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

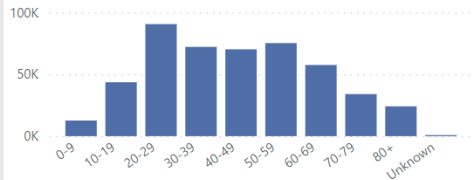
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All

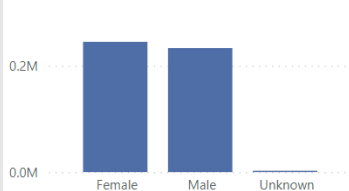
Select county:

All

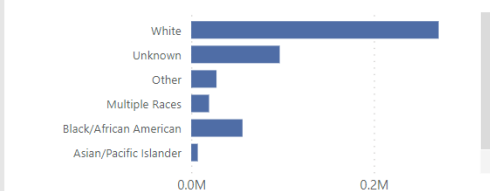
Cases by Age Group



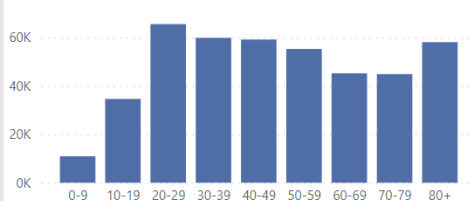
Cases by Sex



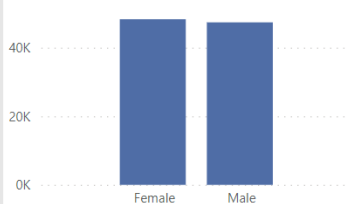
Cases by Race



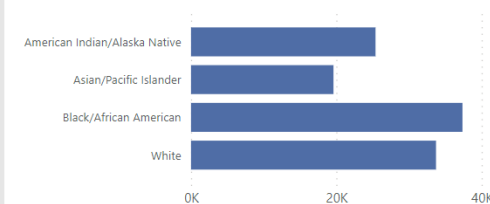
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

☐ Confirmed☒ Probable

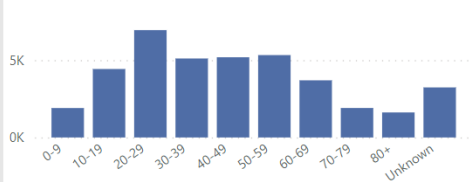
Select Preparedness Region:

All

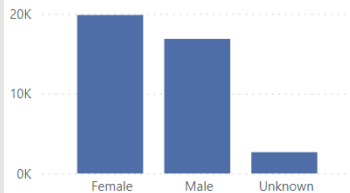
Select county:

All

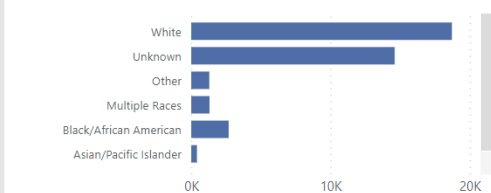
Cases by Age Group



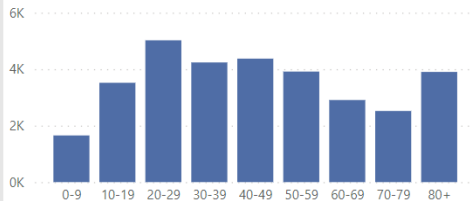
Cases by Sex



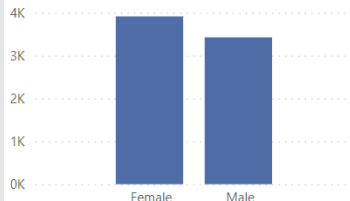
Cases by Race



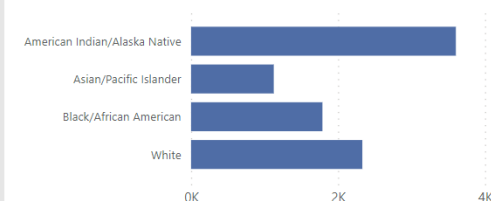
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

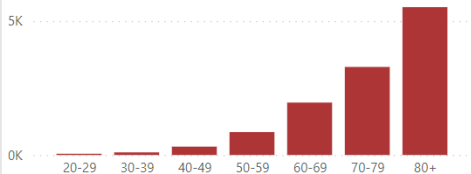
Select Preparedness Region:

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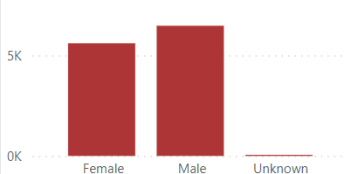
Select county:

All

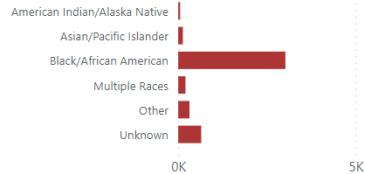
Deaths by Age Group



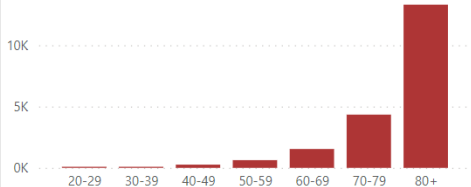
Deaths by Sex



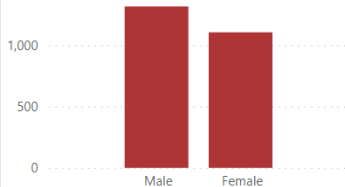
Deaths by Race



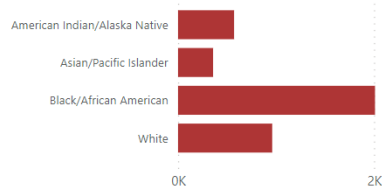
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

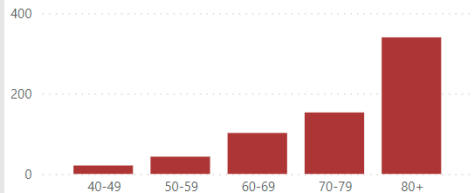
Select Preparedness Region:

All

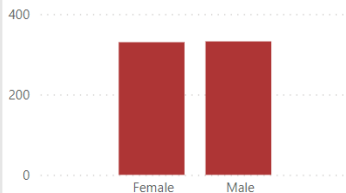
Select county:

All

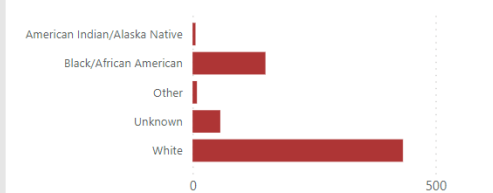
Deaths by Age Group



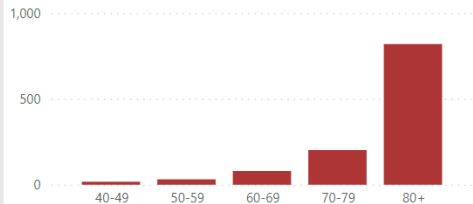
Deaths by Sex



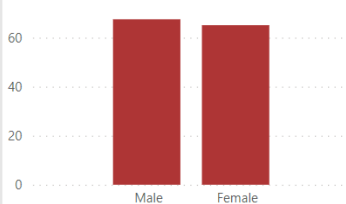
Deaths by Race



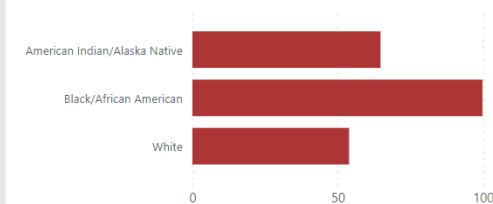
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



View Table

View Charts

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

12/27/2020

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

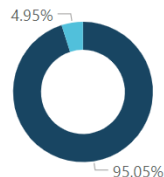
Sep 2020

Nov 2020

Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	8,132,689	813,991
Serology	423,406	42,378
Total	8,556,095	856,369

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

[View Table](#)[View Charts](#)

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-CoV-2 in the blood.

Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

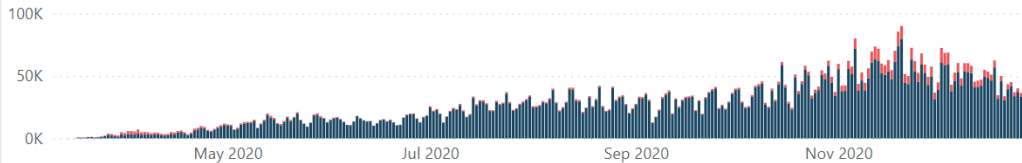
Filter by Date

3/10/2020

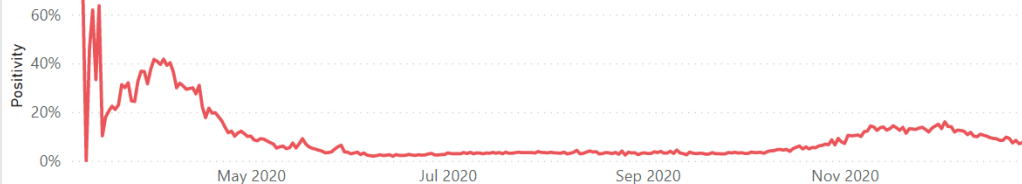
12/27/2020

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive



Percent of Diagnostic Tests That Were Positive



CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
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Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-12-28

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/12/28 13:37:17	Alcona	277	11	54	3
2020/12/28 13:37:17	Alger	189	1	111	1
2020/12/28 13:37:17	Allegan	5176	48	484	14
2020/12/28 13:37:17	Alpena	983	23	141	1
2020/12/28 13:37:17	Antrim	527	9	77	0
2020/12/28 13:37:17	Arenac	535	24	53	0
2020/12/28 13:37:17	Baraga	456	28	88	0
2020/12/28 13:37:17	Barry	2711	32	196	2
2020/12/28 13:37:17	Bay	5890	180	232	0
2020/12/28 13:37:17	Benzie	556	24	92	1
2020/12/28 13:37:17	Berrien	8539	165	581	13
2020/12/28 13:37:17	Branch	2773	62	263	4
2020/12/28 13:37:17	Calhoun	6805	171	931	13
2020/12/28 13:37:17	Cass	2832	43	255	1
2020/12/28 13:37:17	Charlevoix	718	9	122	0
2020/12/28 13:37:17	Cheboygan	625	32	107	0
2020/12/28 13:37:17	Chippewa	541	11	771	2
2020/12/28 13:37:17	Clare	1066	39	134	0
2020/12/28 13:37:17	Clinton	3524	40	219	0
2020/12/28 13:37:17	Crawford	429	6	23	0
2020/12/28 13:37:17	Delta	2460	58	409	17
2020/12/28 13:37:17	Dickinson	1971	54	179	14
2020/12/28 13:37:17	Eaton	4284	85	256	2
2020/12/28 13:37:17	Emmet	1055	33	144	0
2020/12/28 13:37:17	Genesee	18493	548	2813	37
2020/12/28 13:37:17	Gladwin	1008	28	161	3
2020/12/28 13:37:17	Gogebic	703	15	293	23
2020/12/28 13:37:17	Grand Traverse	2710	41	263	3
2020/12/28 13:37:17	Gratiot	2172	64	170	0
2020/12/28 13:37:17	Hillsdale	2319	54	195	2
2020/12/28 13:37:17	Houghton	1570	24	386	7
2020/12/28 13:37:17	Huron	1308	40	205	1
2020/12/28 13:37:17	Ingham	12121	176	296	2
2020/12/28 13:37:17	Ionia	3262	41	66	1
2020/12/28 13:37:17	Iosco	975	45	122	1
2020/12/28 13:37:17	Iron	765	32	44	5
2020/12/28 13:37:17	Isabella	3038	42	330	0
2020/12/28 13:37:17	Jackson	7333	151	180	2
2020/12/28 13:37:17	Kalamazoo	10634	208	1461	26
2020/12/28 13:37:17	Kalkaska	453	12	32	0
2020/12/28 13:37:17	Kent	40438	494	2266	35
2020/12/28 13:37:17	Keweenaw	66	1	15	1
2020/12/28 13:37:17	Lake	285	8	15	1
2020/12/28 13:37:17	Lapeer	3520	97	426	1
2020/12/28 13:37:17	Leelanau	547	6	68	0
2020/12/28 13:37:17	Lenawee	3984	58	136	3
2020/12/28 13:37:17	Livingston	7038	68	633	3

2020/12/28 13:37:17	Luce	127	0	68	0
2020/12/28 13:37:17	Mackinac	260	2	116	0
2020/12/28 13:37:17	Macomb	46786	1500	2099	75
2020/12/28 13:37:17	Manistee	562	14	22	0
2020/12/28 13:37:17	Marquette	3117	51	413	1
2020/12/28 13:37:17	Mason	897	19	72	0
2020/12/28 13:37:17	Mecosta	1561	14	74	0
2020/12/28 13:37:17	Menominee	1422	25	228	0
2020/12/28 13:37:17	Midland	3395	43	508	2
2020/12/28 13:37:17	Missaukee	410	8	30	0
2020/12/28 13:37:17	Monroe	6814	131	657	8
2020/12/28 13:37:17	Montcalm	2732	62	153	1
2020/12/28 13:37:17	Montmorency	247	9	37	2
2020/12/28 13:37:17	Muskegon	9093	248	180	4
2020/12/28 13:37:17	Newaygo	2131	30	89	1
2020/12/28 13:37:17	Oakland	53116	1537	7031	69
2020/12/28 13:37:17	Oceana	1535	42	56	0
2020/12/28 13:37:17	Ogemaw	784	28	122	1
2020/12/28 13:37:17	Ontonagon	275	15	29	1
2020/12/28 13:37:17	Osceola	720	17	107	0
2020/12/28 13:37:17	Oscoda	253	14	48	0
2020/12/28 13:37:17	Otsego	866	19	141	2
2020/12/28 13:37:17	Ottawa	17279	238	968	26
2020/12/28 13:37:17	Presque Isle	467	6	51	1
2020/12/28 13:37:17	Roscommon	843	27	111	0
2020/12/28 13:37:17	Saginaw	11615	363	530	8
2020/12/28 13:37:17	Sanilac	1384	56	84	1
2020/12/28 13:37:17	Schoolcraft	196	3	17	1
2020/12/28 13:37:17	Shiawassee	2806	55	89	1
2020/12/28 13:37:17	St Clair	5974	146	867	5
2020/12/28 13:37:17	St Joseph	3186	45	349	4
2020/12/28 13:37:17	Tuscola	2267	82	338	4
2020/12/28 13:37:17	Van Buren	3775	70	217	6
2020/12/28 13:37:17	Washtenaw	12295	183	1153	4
2020/12/28 13:37:17	Wayne	53430	1712	3362	73
2020/12/28 13:37:17	Wexford	929	18	42	0
2020/12/28 13:37:17	MDOC	20282	122	602	0
2020/12/28 13:37:17	FCI	284	5	5	0
2020/12/28 13:37:17	Out-of-State	1362	9	48	1
2020/12/28 13:37:17	Unknown	2	0	13	0
2020/12/28 13:37:17	Detroit City	25365	1680	1744	118

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-12-28

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	56	0
Confirmed	10-19	American Indian/Alaska Native	Female	147	0
Confirmed	20-29	American Indian/Alaska Native	Female	273	0
Confirmed	30-39	American Indian/Alaska Native	Female	205	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	176	0
Confirmed	50-59	American Indian/Alaska Native	Female	176	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	120	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	77	8
Confirmed	80+	American Indian/Alaska Native	Female	26	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	114	0
Confirmed	10-19	Asian/Pacific Islander	Female	356	0
Confirmed	20-29	Asian/Pacific Islander	Female	771	0
Confirmed	30-39	Asian/Pacific Islander	Female	675	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	596	0
Confirmed	50-59	Asian/Pacific Islander	Female	538	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	313	6
Confirmed	70-79	Asian/Pacific Islander	Female	141	14
Confirmed	80+	Asian/Pacific Islander	Female	108	32
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	630	Suppressed
Confirmed	10-19	Black/African American	Female	1699	Suppressed
Confirmed	20-29	Black/African American	Female	4964	9
Confirmed	30-39	Black/African American	Female	4562	13
Confirmed	40-49	Black/African American	Female	4061	60
Confirmed	50-59	Black/African American	Female	3786	134
Confirmed	60-69	Black/African American	Female	3321	278
Confirmed	70-79	Black/African American	Female	2030	376
Confirmed	80+	Black/African American	Female	1470	508
Confirmed	Unknown	Black/African American	Female	14	0
Confirmed	0-9	Multiple Races	Female	362	0
Confirmed	10-19	Multiple Races	Female	1195	Suppressed
Confirmed	20-29	Multiple Races	Female	2014	0
Confirmed	30-39	Multiple Races	Female	1468	0
Confirmed	40-49	Multiple Races	Female	1554	Suppressed
Confirmed	50-59	Multiple Races	Female	1617	7
Confirmed	60-69	Multiple Races	Female	1194	7
Confirmed	70-79	Multiple Races	Female	673	23
Confirmed	80+	Multiple Races	Female	468	51
Confirmed	Unknown	Multiple Races	Female	8	0
Confirmed	0-9	Other	Female	575	0
Confirmed	10-19	Other	Female	1600	0
Confirmed	20-29	Other	Female	3039	Suppressed
Confirmed	30-39	Other	Female	2300	Suppressed
Confirmed	40-49	Other	Female	2173	Suppressed
Confirmed	50-59	Other	Female	1696	11
Confirmed	60-69	Other	Female	1047	22

Confirmed	70-79	Other	Female	571	36
Confirmed	80+	Other	Female	421	63
Confirmed	Unknown	Other	Female	9	0
Confirmed	0-9	Unknown	Female	1029	0
Confirmed	10-19	Unknown	Female	4003	0
Confirmed	20-29	Unknown	Female	9615	Suppressed
Confirmed	30-39	Unknown	Female	7700	0
Confirmed	40-49	Unknown	Female	7976	7
Confirmed	50-59	Unknown	Female	8494	15
Confirmed	60-69	Unknown	Female	5162	45
Confirmed	70-79	Unknown	Female	2453	62
Confirmed	80+	Unknown	Female	2071	180
Confirmed	Unknown	Unknown	Female	97	0
Confirmed	0-9	White	Female	3284	0
Confirmed	10-19	White	Female	13643	0
Confirmed	20-29	White	Female	26259	9
Confirmed	30-39	White	Female	19100	17
Confirmed	40-49	White	Female	19003	42
Confirmed	50-59	White	Female	21194	138
Confirmed	60-69	White	Female	17119	383
Confirmed	70-79	White	Female	11121	813
Confirmed	80+	White	Female	10101	2203
Confirmed	Unknown	White	Female	72	0
Confirmed	0-9	American Indian/Alaska Native	Male	46	0
Confirmed	10-19	American Indian/Alaska Native	Male	111	0
Confirmed	20-29	American Indian/Alaska Native	Male	195	0
Confirmed	30-39	American Indian/Alaska Native	Male	180	0
Confirmed	40-49	American Indian/Alaska Native	Male	176	0
Confirmed	50-59	American Indian/Alaska Native	Male	164	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	125	16
Confirmed	70-79	American Indian/Alaska Native	Male	68	12
Confirmed	80+	American Indian/Alaska Native	Male	22	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	145	0
Confirmed	10-19	Asian/Pacific Islander	Male	317	0
Confirmed	20-29	Asian/Pacific Islander	Male	836	0
Confirmed	30-39	Asian/Pacific Islander	Male	643	0
Confirmed	40-49	Asian/Pacific Islander	Male	523	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	508	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	312	18
Confirmed	70-79	Asian/Pacific Islander	Male	141	27
Confirmed	80+	Asian/Pacific Islander	Male	74	20
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	657	0
Confirmed	10-19	Black/African American	Male	1557	Suppressed
Confirmed	20-29	Black/African American	Male	5390	13
Confirmed	30-39	Black/African American	Male	5379	31
Confirmed	40-49	Black/African American	Male	4995	89
Confirmed	50-59	Black/African American	Male	4762	232
Confirmed	60-69	Black/African American	Male	3697	408

Confirmed	70-79	Black/African American	Male	1999	497
Confirmed	80+	Black/African American	Male	888	368
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	373	Suppressed
Confirmed	10-19	Multiple Races	Male	1177	0
Confirmed	20-29	Multiple Races	Male	1652	Suppressed
Confirmed	30-39	Multiple Races	Male	1178	Suppressed
Confirmed	40-49	Multiple Races	Male	1210	Suppressed
Confirmed	50-59	Multiple Races	Male	1286	9
Confirmed	60-69	Multiple Races	Male	1121	27
Confirmed	70-79	Multiple Races	Male	611	28
Confirmed	80+	Multiple Races	Male	267	42
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	617	0
Confirmed	10-19	Other	Male	1617	0
Confirmed	20-29	Other	Male	3179	Suppressed
Confirmed	30-39	Other	Male	2494	Suppressed
Confirmed	40-49	Other	Male	2337	12
Confirmed	50-59	Other	Male	1941	20
Confirmed	60-69	Other	Male	1155	54
Confirmed	70-79	Other	Male	543	45
Confirmed	80+	Other	Male	243	42
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	1064	0
Confirmed	10-19	Unknown	Male	3845	0
Confirmed	20-29	Unknown	Male	9767	0
Confirmed	30-39	Unknown	Male	8135	6
Confirmed	40-49	Unknown	Male	7433	17
Confirmed	50-59	Unknown	Male	8198	22
Confirmed	60-69	Unknown	Male	5089	67
Confirmed	70-79	Unknown	Male	2168	101
Confirmed	80+	Unknown	Male	1106	120
Confirmed	Unknown	Unknown	Male	98	0
Confirmed	0-9	White	Male	3605	0
Confirmed	10-19	White	Male	12113	0
Confirmed	20-29	White	Male	22158	12
Confirmed	30-39	White	Male	17787	23
Confirmed	40-49	White	Male	17582	73
Confirmed	50-59	White	Male	20501	255
Confirmed	60-69	White	Male	17475	622
Confirmed	70-79	White	Male	11284	1245
Confirmed	80+	White	Male	6751	1880
Confirmed	Unknown	White	Male	55	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	11	0
Confirmed	20-29	Black/African American	Unknown	63	0
Confirmed	30-39	Black/African American	Unknown	53	0
Confirmed	40-49	Black/African American	Unknown	59	0
Confirmed	50-59	Black/African American	Unknown	50	0
Confirmed	60-69	Black/African American	Unknown	29	0
Confirmed	70-79	Black/African American	Unknown	8	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	Suppressed	0
Confirmed	10-19	Multiple Races	Unknown	8	0
Confirmed	20-29	Multiple Races	Unknown	15	0
Confirmed	30-39	Multiple Races	Unknown	10	0
Confirmed	40-49	Multiple Races	Unknown	12	0
Confirmed	50-59	Multiple Races	Unknown	9	0
Confirmed	60-69	Multiple Races	Unknown	9	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	7	0
Confirmed	20-29	Other	Unknown	15	0
Confirmed	30-39	Other	Unknown	17	0
Confirmed	40-49	Other	Unknown	17	0
Confirmed	50-59	Other	Unknown	10	0
Confirmed	60-69	Other	Unknown	10	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	6	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	36	0
Confirmed	10-19	Unknown	Unknown	118	0
Confirmed	20-29	Unknown	Unknown	298	0
Confirmed	30-39	Unknown	Unknown	194	0
Confirmed	40-49	Unknown	Unknown	238	0
Confirmed	50-59	Unknown	Unknown	219	0
Confirmed	60-69	Unknown	Unknown	122	Suppressed

Confirmed	70-79	Unknown	Unknown	49	Suppressed
Confirmed	80+	Unknown	Unknown	52	Suppressed
Confirmed	Unknown	Unknown	Unknown	45	0
Confirmed	0-9	White	Unknown	7	0
Confirmed	10-19	White	Unknown	67	0
Confirmed	20-29	White	Unknown	104	0
Confirmed	30-39	White	Unknown	106	0
Confirmed	40-49	White	Unknown	101	0
Confirmed	50-59	White	Unknown	95	0
Confirmed	60-69	White	Unknown	94	0
Confirmed	70-79	White	Unknown	48	0
Confirmed	80+	White	Unknown	20	Suppressed
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	14	0
Probable	10-19	American Indian/Alaska Native	Female	26	0
Probable	20-29	American Indian/Alaska Native	Female	39	0
Probable	30-39	American Indian/Alaska Native	Female	22	0
Probable	40-49	American Indian/Alaska Native	Female	27	0
Probable	50-59	American Indian/Alaska Native	Female	18	0
Probable	60-69	American Indian/Alaska Native	Female	17	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	0
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	13	0
Probable	10-19	Asian/Pacific Islander	Female	25	0
Probable	20-29	Asian/Pacific Islander	Female	57	0
Probable	30-39	Asian/Pacific Islander	Female	37	0
Probable	40-49	Asian/Pacific Islander	Female	28	0
Probable	50-59	Asian/Pacific Islander	Female	29	0
Probable	60-69	Asian/Pacific Islander	Female	14	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	8	0
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	59	0
Probable	10-19	Black/African American	Female	99	0
Probable	20-29	Black/African American	Female	253	0
Probable	30-39	Black/African American	Female	227	0
Probable	40-49	Black/African American	Female	212	Suppressed
Probable	50-59	Black/African American	Female	228	9
Probable	60-69	Black/African American	Female	169	12
Probable	70-79	Black/African American	Female	72	15
Probable	80+	Black/African American	Female	52	28
Probable	Unknown	Black/African American	Female	15	0
Probable	0-9	Multiple Races	Female	52	0
Probable	10-19	Multiple Races	Female	99	0
Probable	20-29	Multiple Races	Female	126	0
Probable	30-39	Multiple Races	Female	72	0
Probable	40-49	Multiple Races	Female	91	0
Probable	50-59	Multiple Races	Female	94	0
Probable	60-69	Multiple Races	Female	70	0

Probable	70-79	Multiple Races	Female	29	0
Probable	80+	Multiple Races	Female	19	Suppressed
Probable	Unknown	Multiple Races	Female	27	0
Probable	0-9	Other	Female	46	0
Probable	10-19	Other	Female	101	0
Probable	20-29	Other	Female	138	0
Probable	30-39	Other	Female	104	0
Probable	40-49	Other	Female	110	0
Probable	50-59	Other	Female	60	Suppressed
Probable	60-69	Other	Female	37	Suppressed
Probable	70-79	Other	Female	21	0
Probable	80+	Other	Female	7	Suppressed
Probable	Unknown	Other	Female	10	0
Probable	0-9	Unknown	Female	162	0
Probable	10-19	Unknown	Female	575	0
Probable	20-29	Unknown	Female	1199	0
Probable	30-39	Unknown	Female	818	0
Probable	40-49	Unknown	Female	899	0
Probable	50-59	Unknown	Female	938	Suppressed
Probable	60-69	Unknown	Female	679	Suppressed
Probable	70-79	Unknown	Female	278	Suppressed
Probable	80+	Unknown	Female	187	19
Probable	Unknown	Unknown	Female	833	0
Probable	0-9	White	Female	565	0
Probable	10-19	White	Female	1317	Suppressed
Probable	20-29	White	Female	1748	0
Probable	30-39	White	Female	1279	0
Probable	40-49	White	Female	1360	Suppressed
Probable	50-59	White	Female	1407	11
Probable	60-69	White	Female	959	20
Probable	70-79	White	Female	576	46
Probable	80+	White	Female	759	147
Probable	Unknown	White	Female	227	0
Probable	0-9	American Indian/Alaska Native	Male	13	0
Probable	10-19	American Indian/Alaska Native	Male	28	0
Probable	20-29	American Indian/Alaska Native	Male	30	0
Probable	30-39	American Indian/Alaska Native	Male	24	0
Probable	40-49	American Indian/Alaska Native	Male	23	0
Probable	50-59	American Indian/Alaska Native	Male	22	0
Probable	60-69	American Indian/Alaska Native	Male	12	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	21	0
Probable	10-19	Asian/Pacific Islander	Male	19	0
Probable	20-29	Asian/Pacific Islander	Male	46	0
Probable	30-39	Asian/Pacific Islander	Male	38	0
Probable	40-49	Asian/Pacific Islander	Male	26	0
Probable	50-59	Asian/Pacific Islander	Male	19	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	8	0

Probable	70-79	Asian/Pacific Islander	Male	6	Suppressed
Probable	80+	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	51	0
Probable	10-19	Black/African American	Male	103	0
Probable	20-29	Black/African American	Male	243	0
Probable	30-39	Black/African American	Male	226	0
Probable	40-49	Black/African American	Male	187	8
Probable	50-59	Black/African American	Male	207	9
Probable	60-69	Black/African American	Male	157	22
Probable	70-79	Black/African American	Male	65	27
Probable	80+	Black/African American	Male	31	17
Probable	Unknown	Black/African American	Male	10	0
Probable	0-9	Multiple Races	Male	50	0
Probable	10-19	Multiple Races	Male	106	0
Probable	20-29	Multiple Races	Male	111	0
Probable	30-39	Multiple Races	Male	64	0
Probable	40-49	Multiple Races	Male	84	Suppressed
Probable	50-59	Multiple Races	Male	65	0
Probable	60-69	Multiple Races	Male	53	0
Probable	70-79	Multiple Races	Male	24	0
Probable	80+	Multiple Races	Male	6	Suppressed
Probable	Unknown	Multiple Races	Male	36	0
Probable	0-9	Other	Male	41	0
Probable	10-19	Other	Male	101	0
Probable	20-29	Other	Male	136	0
Probable	30-39	Other	Male	119	0
Probable	40-49	Other	Male	115	0
Probable	50-59	Other	Male	65	0
Probable	60-69	Other	Male	42	Suppressed
Probable	70-79	Other	Male	18	Suppressed
Probable	80+	Other	Male	Suppressed	Suppressed
Probable	Unknown	Other	Male	10	0
Probable	0-9	Unknown	Male	186	0
Probable	10-19	Unknown	Male	565	0
Probable	20-29	Unknown	Male	1044	0
Probable	30-39	Unknown	Male	803	Suppressed
Probable	40-49	Unknown	Male	730	Suppressed
Probable	50-59	Unknown	Male	767	0
Probable	60-69	Unknown	Male	498	Suppressed
Probable	70-79	Unknown	Male	220	6
Probable	80+	Unknown	Male	117	17
Probable	Unknown	Unknown	Male	675	0
Probable	0-9	White	Male	566	0
Probable	10-19	White	Male	1118	0
Probable	20-29	White	Male	1478	Suppressed
Probable	30-39	White	Male	1059	Suppressed
Probable	40-49	White	Male	1043	Suppressed
Probable	50-59	White	Male	1182	11
Probable	60-69	White	Male	835	33

Probable	70-79	White	Male	506	49
Probable	80+	White	Male	399	102
Probable	Unknown	White	Male	183	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	Suppressed	0
Probable	10-19	Black/African American	Unknown	Suppressed	0
Probable	20-29	Black/African American	Unknown	Suppressed	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	8	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	8	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	45	0
Probable	10-19	Unknown	Unknown	114	0
Probable	20-29	Unknown	Unknown	265	0
Probable	30-39	Unknown	Unknown	197	0
Probable	40-49	Unknown	Unknown	226	0
Probable	50-59	Unknown	Unknown	199	0
Probable	60-69	Unknown	Unknown	138	0
Probable	70-79	Unknown	Unknown	66	Suppressed
Probable	80+	Unknown	Unknown	22	0
Probable	Unknown	Unknown	Unknown	1167	0
Probable	0-9	White	Unknown	13	0
Probable	10-19	White	Unknown	28	0
Probable	20-29	White	Unknown	16	0
Probable	30-39	White	Unknown	11	0
Probable	40-49	White	Unknown	22	0
Probable	50-59	White	Unknown	21	0
Probable	60-69	White	Unknown	Suppressed	Suppressed
Probable	70-79	White	Unknown	8	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	25	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-12-28

Updated	COUNTY	TestType	Count	RatePerMillion
2020/12/28 13:37:22	Alcona	Diagnostic	4254	408842
2020/12/28 13:37:22	Alcona	Serology	101	9707
2020/12/28 13:37:22	Alcona	Total	4355	418549
2020/12/28 13:37:22	Alger	Diagnostic	4861	533707
2020/12/28 13:37:22	Alger	Serology	309	33926
2020/12/28 13:37:22	Alger	Total	5170	567633
2020/12/28 13:37:22	Allegan	Diagnostic	76184	645184
2020/12/28 13:37:22	Allegan	Serology	1924	16294
2020/12/28 13:37:22	Allegan	Total	78108	661478
2020/12/28 13:37:22	Alpena	Diagnostic	10553	371519
2020/12/28 13:37:22	Alpena	Serology	428	15068
2020/12/28 13:37:22	Alpena	Total	10981	386587
2020/12/28 13:37:22	Antrim	Serology	444	19036
2020/12/28 13:37:22	Antrim	Diagnostic	13208	566284
2020/12/28 13:37:22	Antrim	Total	13652	585320
2020/12/28 13:37:22	Arenac	Diagnostic	9333	627091
2020/12/28 13:37:22	Arenac	Serology	295	19821
2020/12/28 13:37:22	Arenac	Total	9628	646913
2020/12/28 13:37:22	Baraga	Diagnostic	5417	659885
2020/12/28 13:37:22	Baraga	Serology	52	6335
2020/12/28 13:37:22	Baraga	Total	5469	666220
2020/12/28 13:37:22	Barry	Serology	1368	22226
2020/12/28 13:37:22	Barry	Diagnostic	35744	580731
2020/12/28 13:37:22	Barry	Total	37112	602957
2020/12/28 13:37:22	Bay	Diagnostic	79998	775731
2020/12/28 13:37:22	Bay	Serology	4333	42017
2020/12/28 13:37:22	Bay	Total	84331	817747
2020/12/28 13:37:22	Benzie	Diagnostic	9245	520376
2020/12/28 13:37:22	Benzie	Serology	439	24710
2020/12/28 13:37:22	Benzie	Total	9684	545086
2020/12/28 13:37:22	Berrien	Diagnostic	154113	1004641
2020/12/28 13:37:22	Berrien	Serology	3969	25873
2020/12/28 13:37:22	Berrien	Total	158082	1030515
2020/12/28 13:37:22	Branch	Diagnostic	25547	587058
2020/12/28 13:37:22	Branch	Serology	302	6940
2020/12/28 13:37:22	Branch	Total	25849	593998
2020/12/28 13:37:22	Calhoun	Serology	1332	9929
2020/12/28 13:37:22	Calhoun	Diagnostic	130814	975067
2020/12/28 13:37:22	Calhoun	Total	132146	984995
2020/12/28 13:37:22	Cass	Diagnostic	26169	505320
2020/12/28 13:37:22	Cass	Serology	476	9191
2020/12/28 13:37:22	Cass	Total	26645	514511
2020/12/28 13:37:22	Charlevoix	Diagnostic	14711	562713
2020/12/28 13:37:22	Charlevoix	Serology	758	28994
2020/12/28 13:37:22	Charlevoix	Total	15469	591707
2020/12/28 13:37:22	Cheboygan	Diagnostic	9416	372527
2020/12/28 13:37:22	Cheboygan	Serology	406	16063

2020/12/28 13:37:22	Cheboygan	Total	9822	388590
2020/12/28 13:37:22	Chippewa	Diagnostic	14190	379930
2020/12/28 13:37:22	Chippewa	Serology	220	5890
2020/12/28 13:37:22	Chippewa	Total	14410	385820
2020/12/28 13:37:22	Clare	Serology	684	22100
2020/12/28 13:37:22	Clare	Diagnostic	12006	387916
2020/12/28 13:37:22	Clare	Total	12690	410016
2020/12/28 13:37:22	Clinton	Diagnostic	38223	480219
2020/12/28 13:37:22	Clinton	Serology	3178	39927
2020/12/28 13:37:22	Clinton	Total	41401	520146
2020/12/28 13:37:22	Correctional	Serology	14476	
2020/12/28 13:37:22	Correctional	Diagnostic	434022	
2020/12/28 13:37:22	Correctional	Total	448498	
2020/12/28 13:37:22	Crawford	Diagnostic	6610	471167
2020/12/28 13:37:22	Crawford	Serology	205	14613
2020/12/28 13:37:22	Crawford	Total	6815	485779
2020/12/28 13:37:22	Delta	Serology	538	15035
2020/12/28 13:37:22	Delta	Diagnostic	27762	775822
2020/12/28 13:37:22	Delta	Total	28300	790856
2020/12/28 13:37:22	Detroit City	Diagnostic	508072	781885
2020/12/28 13:37:22	Detroit City	Serology	19535	30063
2020/12/28 13:37:22	Detroit City	Total	527607	811948
2020/12/28 13:37:22	Dickinson	Diagnostic	12030	476643
2020/12/28 13:37:22	Dickinson	Serology	101	4002
2020/12/28 13:37:22	Dickinson	Total	12131	480645
2020/12/28 13:37:22	Eaton	Serology	4923	44646
2020/12/28 13:37:22	Eaton	Diagnostic	79606	721932
2020/12/28 13:37:22	Eaton	Total	84529	766578
2020/12/28 13:37:22	Emmet	Diagnostic	20132	602484
2020/12/28 13:37:22	Emmet	Serology	1187	35523
2020/12/28 13:37:22	Emmet	Total	21319	638007
2020/12/28 13:37:22	Genesee	Serology	15060	37111
2020/12/28 13:37:22	Genesee	Diagnostic	243120	599094
2020/12/28 13:37:22	Genesee	Total	258180	636204
2020/12/28 13:37:22	Gladwin	Diagnostic	10762	422885
2020/12/28 13:37:22	Gladwin	Serology	663	26052
2020/12/28 13:37:22	Gladwin	Total	11425	448937
2020/12/28 13:37:22	Gogebic	Diagnostic	14120	1010376
2020/12/28 13:37:22	Gogebic	Serology	195	13953
2020/12/28 13:37:22	Gogebic	Total	14315	1024329
2020/12/28 13:37:22	Grand Traverse	Diagnostic	55849	599959
2020/12/28 13:37:22	Grand Traverse	Serology	3750	40284
2020/12/28 13:37:22	Grand Traverse	Total	59599	640244
2020/12/28 13:37:22	Gratiot	Diagnostic	36097	886665
2020/12/28 13:37:22	Gratiot	Serology	778	19110
2020/12/28 13:37:22	Gratiot	Total	36875	905775
2020/12/28 13:37:22	Hillsdale	Diagnostic	28954	634887
2020/12/28 13:37:22	Hillsdale	Serology	675	14801
2020/12/28 13:37:22	Hillsdale	Total	29629	649688
2020/12/28 13:37:22	Houghton	Diagnostic	29251	819723

2020/12/28 13:37:22	Houghton	Serology	223	6249
2020/12/28 13:37:22	Houghton	Total	29474	825972
2020/12/28 13:37:22	Huron	Serology	465	15009
2020/12/28 13:37:22	Huron	Diagnostic	21925	707692
2020/12/28 13:37:22	Huron	Total	22390	722701
2020/12/28 13:37:22	Ingham	Diagnostic	222382	760525
2020/12/28 13:37:22	Ingham	Serology	16554	56613
2020/12/28 13:37:22	Ingham	Total	238936	817138
2020/12/28 13:37:22	Ionia	Diagnostic	49909	771427
2020/12/28 13:37:22	Ionia	Serology	1708	26400
2020/12/28 13:37:22	Ionia	Total	51617	797827
2020/12/28 13:37:22	Iosco	Serology	331	13173
2020/12/28 13:37:22	Iosco	Diagnostic	16147	642616
2020/12/28 13:37:22	Iosco	Total	16478	655789
2020/12/28 13:37:22	Iron	Diagnostic	17223	1556389
2020/12/28 13:37:22	Iron	Serology	94	8494
2020/12/28 13:37:22	Iron	Total	17317	1564883
2020/12/28 13:37:22	Isabella	Diagnostic	33557	480264
2020/12/28 13:37:22	Isabella	Serology	944	13510
2020/12/28 13:37:22	Isabella	Total	34501	493774
2020/12/28 13:37:22	Jackson	Serology	2416	15242
2020/12/28 13:37:22	Jackson	Diagnostic	139425	879598
2020/12/28 13:37:22	Jackson	Total	141841	894839
2020/12/28 13:37:22	Kalamazoo	Serology	5263	19855
2020/12/28 13:37:22	Kalamazoo	Diagnostic	198563	749108
2020/12/28 13:37:22	Kalamazoo	Total	203826	768963
2020/12/28 13:37:22	Kalkaska	Diagnostic	11979	664098
2020/12/28 13:37:22	Kalkaska	Serology	434	24060
2020/12/28 13:37:22	Kalkaska	Total	12413	688158
2020/12/28 13:37:22	Kent	Serology	31612	48119
2020/12/28 13:37:22	Kent	Diagnostic	580291	883304
2020/12/28 13:37:22	Kent	Total	611903	931423
2020/12/28 13:37:22	Keweenaw	Diagnostic	1425	673440
2020/12/28 13:37:22	Keweenaw	Serology	26	12287
2020/12/28 13:37:22	Keweenaw	Total	1451	685728
2020/12/28 13:37:22	Lake	Diagnostic	7162	604235
2020/12/28 13:37:22	Lake	Serology	156	13161
2020/12/28 13:37:22	Lake	Total	7318	617396
2020/12/28 13:37:22	Lapeer	Serology	2360	26938
2020/12/28 13:37:22	Lapeer	Diagnostic	42650	486833
2020/12/28 13:37:22	Lapeer	Total	45010	513772
2020/12/28 13:37:22	Leelanau	Serology	552	25366
2020/12/28 13:37:22	Leelanau	Diagnostic	8707	400119
2020/12/28 13:37:22	Leelanau	Total	9259	425486
2020/12/28 13:37:22	Lenawee	Diagnostic	72205	733411
2020/12/28 13:37:22	Lenawee	Serology	1384	14058
2020/12/28 13:37:22	Lenawee	Total	73589	747468
2020/12/28 13:37:22	Livingston	Diagnostic	127946	666403
2020/12/28 13:37:22	Livingston	Serology	6201	32298
2020/12/28 13:37:22	Livingston	Total	134147	698700

2020/12/28 13:37:22	Luce	Diagnostic	3821	613421
2020/12/28 13:37:22	Luce	Serology	38	6100
2020/12/28 13:37:22	Luce	Total	3859	619522
2020/12/28 13:37:22	Mackinac	Diagnostic	5427	502547
2020/12/28 13:37:22	Mackinac	Serology	91	8427
2020/12/28 13:37:22	Mackinac	Total	5518	510973
2020/12/28 13:37:22	Macomb	Serology	41439	47415
2020/12/28 13:37:22	Macomb	Diagnostic	552311	631955
2020/12/28 13:37:22	Macomb	Total	593750	679370
2020/12/28 13:37:22	Manistee	Serology	629	25613
2020/12/28 13:37:22	Manistee	Diagnostic	12019	489413
2020/12/28 13:37:22	Manistee	Total	12648	515026
2020/12/28 13:37:22	Marquette	Diagnostic	81526	1222297
2020/12/28 13:37:22	Marquette	Serology	1121	16807
2020/12/28 13:37:22	Marquette	Total	82647	1239104
2020/12/28 13:37:22	Mason	Serology	728	24979
2020/12/28 13:37:22	Mason	Diagnostic	21767	746878
2020/12/28 13:37:22	Mason	Total	22495	771857
2020/12/28 13:37:22	Mecosta	Diagnostic	26204	603042
2020/12/28 13:37:22	Mecosta	Serology	689	15856
2020/12/28 13:37:22	Mecosta	Total	26893	618899
2020/12/28 13:37:22	Menominee	Diagnostic	15226	668393
2020/12/28 13:37:22	Menominee	Serology	81	3556
2020/12/28 13:37:22	Menominee	Total	15307	671949
2020/12/28 13:37:22	Midland	Serology	4404	52961
2020/12/28 13:37:22	Midland	Diagnostic	36047	433486
2020/12/28 13:37:22	Midland	Total	40451	486447
2020/12/28 13:37:22	Missaukee	Diagnostic	6517	431076
2020/12/28 13:37:22	Missaukee	Serology	328	21696
2020/12/28 13:37:22	Missaukee	Total	6845	452772
2020/12/28 13:37:22	Monroe	Serology	3830	25449
2020/12/28 13:37:22	Monroe	Diagnostic	96649	642186
2020/12/28 13:37:22	Monroe	Total	100479	667635
2020/12/28 13:37:22	Montcalm	Serology	1690	26453
2020/12/28 13:37:22	Montcalm	Diagnostic	50511	790618
2020/12/28 13:37:22	Montcalm	Total	52201	817070
2020/12/28 13:37:22	Montmorency	Diagnostic	4264	457118
2020/12/28 13:37:22	Montmorency	Serology	233	24979
2020/12/28 13:37:22	Montmorency	Total	4497	482097
2020/12/28 13:37:22	Muskegon	Diagnostic	144191	830756
2020/12/28 13:37:22	Muskegon	Serology	2580	14865
2020/12/28 13:37:22	Muskegon	Total	146771	845621
2020/12/28 13:37:22	Newaygo	Diagnostic	29063	593365
2020/12/28 13:37:22	Newaygo	Serology	1176	24010
2020/12/28 13:37:22	Newaygo	Total	30239	617374
2020/12/28 13:37:22	Oakland	Serology	87402	69500
2020/12/28 13:37:22	Oakland	Diagnostic	874171	695119
2020/12/28 13:37:22	Oakland	Total	961573	764619
2020/12/28 13:37:22	Oceana	Diagnostic	24620	930215
2020/12/28 13:37:22	Oceana	Serology	598	22594

2020/12/28 13:37:22	Oceana	Total	25218	952809
2020/12/28 13:37:22	Ogemaw	Diagnostic	11299	538124
2020/12/28 13:37:22	Ogemaw	Serology	333	15859
2020/12/28 13:37:22	Ogemaw	Total	11632	553984
2020/12/28 13:37:22	Ontonagon	Diagnostic	5661	989685
2020/12/28 13:37:22	Ontonagon	Serology	56	9790
2020/12/28 13:37:22	Ontonagon	Total	5717	999476
2020/12/28 13:37:22	Osceola	Diagnostic	15763	671910
2020/12/28 13:37:22	Osceola	Serology	575	24510
2020/12/28 13:37:22	Osceola	Total	16338	696419
2020/12/28 13:37:22	Oscoda	Diagnostic	3512	426162
2020/12/28 13:37:22	Oscoda	Serology	164	19900
2020/12/28 13:37:22	Oscoda	Total	3676	446062
2020/12/28 13:37:22	Otsego	Diagnostic	12300	498622
2020/12/28 13:37:22	Otsego	Serology	571	23147
2020/12/28 13:37:22	Otsego	Total	12871	521769
2020/12/28 13:37:22	Ottawa	Serology	9664	33115
2020/12/28 13:37:22	Ottawa	Diagnostic	246705	845372
2020/12/28 13:37:22	Ottawa	Total	256369	878487
2020/12/28 13:37:22	Presque Isle	Diagnostic	6789	539152
2020/12/28 13:37:22	Presque Isle	Serology	317	25175
2020/12/28 13:37:22	Presque Isle	Total	7106	564327
2020/12/28 13:37:22	Roscommon	Diagnostic	12709	529123
2020/12/28 13:37:22	Roscommon	Serology	487	20276
2020/12/28 13:37:22	Roscommon	Total	13196	549398
2020/12/28 13:37:22	Saginaw	Serology	5587	29322
2020/12/28 13:37:22	Saginaw	Diagnostic	164099	861236
2020/12/28 13:37:22	Saginaw	Total	169686	890558
2020/12/28 13:37:22	Sanilac	Serology	751	18241
2020/12/28 13:37:22	Sanilac	Diagnostic	31560	766578
2020/12/28 13:37:22	Sanilac	Total	32311	784819
2020/12/28 13:37:22	Schoolcraft	Diagnostic	4406	544354
2020/12/28 13:37:22	Schoolcraft	Serology	54	6672
2020/12/28 13:37:22	Schoolcraft	Total	4460	551025
2020/12/28 13:37:22	Shiawassee	Diagnostic	44056	646722
2020/12/28 13:37:22	Shiawassee	Serology	2034	29858
2020/12/28 13:37:22	Shiawassee	Total	46090	676580
2020/12/28 13:37:22	St Clair	Serology	5761	36204
2020/12/28 13:37:22	St Clair	Diagnostic	90041	565840
2020/12/28 13:37:22	St Clair	Total	95802	602044
2020/12/28 13:37:22	St Joseph	Diagnostic	38242	627288
2020/12/28 13:37:22	St Joseph	Serology	1183	19405
2020/12/28 13:37:22	St Joseph	Total	39425	646693
2020/12/28 13:37:22	Tuscola	Diagnostic	42379	811159
2020/12/28 13:37:22	Tuscola	Serology	1361	26050
2020/12/28 13:37:22	Tuscola	Total	43740	837209
2020/12/28 13:37:22	Unknown	Serology	19894	
2020/12/28 13:37:22	Unknown	Diagnostic	372750	
2020/12/28 13:37:22	Unknown	Total	392644	
2020/12/28 13:37:22	Van Buren	Diagnostic	65026	859257

2020/12/28 13:37:22	Van Buren	Serology	1195	15791
2020/12/28 13:37:22	Van Buren	Total	66221	875048
2020/12/28 13:37:22	Washtenaw	Serology	14098	38351
2020/12/28 13:37:22	Washtenaw	Diagnostic	350275	952867
2020/12/28 13:37:22	Washtenaw	Total	364373	991219
2020/12/28 13:37:22	Wayne	Diagnostic	880355	797559
2020/12/28 13:37:22	Wayne	Serology	57702	52275
2020/12/28 13:37:22	Wayne	Total	938057	849834
2020/12/28 13:37:22	Wexford	Diagnostic	18559	551842
2020/12/28 13:37:22	Wexford	Serology	735	21855
2020/12/28 13:37:22	Wexford	Total	19294	573697

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULTS AND COUNTY 2020-12-28

MessageDate	COUNTY	Negative	Positive	Total
12/26/2020	Alcona	29	3	32
12/26/2020	Alger	14	0	14
12/26/2020	Allegan	172	17	189
12/26/2020	Alpena	85	9	94
12/26/2020	Antrim	25	1	26
12/26/2020	Arenac	46	4	50
12/26/2020	Baraga	12	0	12
12/26/2020	Barry	84	6	90
12/26/2020	Bay	366	28	394
12/26/2020	Benzie	31	2	33
12/26/2020	Berrien	620	16	636
12/26/2020	Branch	197	52	249
12/26/2020	Calhoun	266	16	282
12/26/2020	Cass	134	11	145
12/26/2020	Charlevoix	27	3	30
12/26/2020	Cheboygan	61	9	70
12/26/2020	Chippewa	93	4	97
12/26/2020	Clare	113	4	117
12/26/2020	Clinton	63	4	67
12/26/2020	Correctional	2555	49	2604
12/26/2020	Crawford	29	7	36
12/26/2020	Delta	52	1	53
12/26/2020	Detroit City	1714	152	1866
12/26/2020	Dickinson	20	4	24
12/26/2020	Eaton	187	6	193
12/26/2020	Emmet	179	1	180
12/26/2020	Genesee	1303	130	1433
12/26/2020	Gladwin	132	3	135
12/26/2020	Gogebic	33	2	35
12/26/2020	Grand Traverse	255	20	275
12/26/2020	Gratiot	132	4	136
12/26/2020	Hillsdale	91	16	107
12/26/2020	Houghton	126	4	130
12/26/2020	Huron	84	7	91
12/26/2020	Ingham	688	49	737
12/26/2020	Ionia	70	4	74
12/26/2020	Iosco	57	6	63
12/26/2020	Iron	121	1	122
12/26/2020	Isabella	228	13	241
12/26/2020	Jackson	403	26	429
12/26/2020	Kalamazoo	684	87	771
12/26/2020	Kalkaska	25	4	29
12/26/2020	Kent	1438	141	1579
12/26/2020	Keweenaw	3	0	3
12/26/2020	Lake	115	0	115
12/26/2020	Lapeer	125	13	138
12/26/2020	Leelanau	29	7	36

12/26/2020	Lenawee	660	105	765
12/26/2020	Livingston	701	40	741
12/26/2020	Luce	23	0	23
12/26/2020	Mackinac	18	0	18
12/26/2020	Macomb	1674	193	1867
12/26/2020	Manistee	38	7	45
12/26/2020	Marquette	264	22	286
12/26/2020	Mason	79	11	90
12/26/2020	Mecosta	37	6	43
12/26/2020	Menominee	119	6	125
12/26/2020	Midland	380	21	401
12/26/2020	Missaukee	13	2	15
12/26/2020	Monroe	517	53	570
12/26/2020	Montcalm	83	5	88
12/26/2020	Montmorency	35	6	41
12/26/2020	Muskegon	365	33	398
12/26/2020	Newaygo	44	0	44
12/26/2020	Oakland	3974	323	4297
12/26/2020	Oceana	129	11	140
12/26/2020	Ogemaw	66	17	83
12/26/2020	Ontonagon	6	0	6
12/26/2020	Osceola	20	6	26
12/26/2020	Oscoda	75	9	84
12/26/2020	Otsego	82	8	90
12/26/2020	Ottawa	497	82	579
12/26/2020	Presque Isle	41	3	44
12/26/2020	Roscommon	46	5	51
12/26/2020	Saginaw	559	86	645
12/26/2020	Sanilac	119	9	128
12/26/2020	Schoolcraft	9	1	10
12/26/2020	Shiawassee	92	6	98
12/26/2020	St Clair	303	36	339
12/26/2020	St Joseph	80	8	88
12/26/2020	Tuscola	130	15	145
12/26/2020	Unknown	3009	96	3105
12/26/2020	Van Buren	94	10	104
12/26/2020	Washtenaw	2460	149	2609
12/26/2020	Wayne	3439	357	3796
12/26/2020	Wexford	32	4	36
12/27/2020	Alcona	15	2	17
12/27/2020	Alger	21	0	21
12/27/2020	Allegan	211	16	227
12/27/2020	Alpena	52	4	56
12/27/2020	Antrim	48	4	52
12/27/2020	Arenac	20	4	24
12/27/2020	Baraga	24	0	24
12/27/2020	Barry	183	14	197
12/27/2020	Bay	304	32	336
12/27/2020	Benzie	24	1	25
12/27/2020	Berrien	417	31	448

12/27/2020	Branch	28	7	35
12/27/2020	Calhoun	194	17	211
12/27/2020	Cass	27	5	32
12/27/2020	Charlevoix	28	0	28
12/27/2020	Cheboygan	20	1	21
12/27/2020	Chippewa	59	5	64
12/27/2020	Clare	41	7	48
12/27/2020	Clinton	96	15	111
12/27/2020	Correctional	1734	96	1830
12/27/2020	Crawford	9	1	10
12/27/2020	Delta	20	1	21
12/27/2020	Detroit City	1375	100	1475
12/27/2020	Dickinson	7	1	8
12/27/2020	Eaton	211	35	246
12/27/2020	Emmet	38	1	39
12/27/2020	Genesee	513	71	584
12/27/2020	Gladwin	38	2	40
12/27/2020	Gogebic	35	0	35
12/27/2020	Grand Traverse	137	9	146
12/27/2020	Gratiot	115	1	116
12/27/2020	Hillsdale	30	6	36
12/27/2020	Houghton	34	2	36
12/27/2020	Huron	41	2	43
12/27/2020	Ingham	714	83	797
12/27/2020	Ionia	221	23	244
12/27/2020	Iosco	54	2	56
12/27/2020	Iron	10	1	11
12/27/2020	Isabella	122	22	144
12/27/2020	Jackson	433	82	515
12/27/2020	Kalamazoo	668	54	722
12/27/2020	Kalkaska	18	0	18
12/27/2020	Kent	1962	206	2168
12/27/2020	Keweenaw	0	1	1
12/27/2020	Lake	15	5	20
12/27/2020	Lapeer	101	8	109
12/27/2020	Leelanau	44	1	45
12/27/2020	Lenawee	223	20	243
12/27/2020	Livingston	446	31	477
12/27/2020	Luce	12	0	12
12/27/2020	Mackinac	15	1	16
12/27/2020	Macomb	1290	121	1411
12/27/2020	Manistee	108	2	110
12/27/2020	Marquette	88	1	89
12/27/2020	Mason	89	1	90
12/27/2020	Mecosta	86	9	95
12/27/2020	Menominee	32	2	34
12/27/2020	Midland	124	8	132
12/27/2020	Missaukee	26	1	27
12/27/2020	Monroe	223	39	262
12/27/2020	Montcalm	256	23	279

12/27/2020	Montmorency	15	2	17
12/27/2020	Muskegon	372	37	409
12/27/2020	Newaygo	142	12	154
12/27/2020	Oakland	2307	164	2471
12/27/2020	Oceana	50	3	53
12/27/2020	Ogemaw	12	5	17
12/27/2020	Ontonagon	10	0	10
12/27/2020	Osceola	39	3	42
12/27/2020	Oscoda	2	2	4
12/27/2020	Otsego	54	1	55
12/27/2020	Ottawa	665	75	740
12/27/2020	Presque Isle	19	1	20
12/27/2020	Roscommon	23	2	25
12/27/2020	Saginaw	363	69	432
12/27/2020	Sanilac	89	7	96
12/27/2020	Schoolcraft	6	1	7
12/27/2020	Shiawassee	120	13	133
12/27/2020	St Clair	126	7	133
12/27/2020	St Joseph	27	10	37
12/27/2020	Tuscola	68	13	81
12/27/2020	Unknown	1053	47	1100
12/27/2020	Van Buren	94	14	108
12/27/2020	Washtenaw	950	79	1029
12/27/2020	Wayne	2450	334	2784
12/27/2020	Wexford	25	1	26